

tropical regions, such as vars. *squamigera* and *Haleana* and that the more northern var. *pubescens* and still more extreme var. *typica* have been of later origin.

EXPLANATION OF PLATE 180

Varieties of *THELYPTERIS PALUSTRIS*; outlines and venations of pinnae $\times 1\frac{1}{2}$, outlines of indusia $\times 50$. Figs. 1 and 2, var. *TYPICA*; fig. 1 from Sweden, coll. *Hugo Granvik*, fig. 2 from Bavaria, *Reinsch*, no. 398. Figs. 3 and 4, var. *SQUAMIGERA*, both from Natal, coll. *S. L. Abraham*, 1865-6. Figs. 5 and 6, var. *HALEANA*, both from the type, Alexandria, Louisiana, *J. Hale*. Figs. 7-10, var. *PUBESCENS*; fig. 7 from Shelburne, New Hampshire, coll. *W. Deane*, August 19, 1915, fig. 8 from Stottville, Quebec, coll. *G. G. Kennedy*, July 23, 1863, figs. 9 and 10 from Amur, coll. *S. Korshinsky*, 1891.

(To be continued)

A NEW FORM OF *ERYTHRONIUM AMERICANUM*.—While collecting in some swampy woods in the southeast corner of Rockport Township, Massachusetts, I found a large patch of *Erythronium americanum* much of which was the typical plant. However, many of the plants had flowers rather smaller than the average and with the inner part of the perianth a deep chestnut-brown. This plant may be designated as follows:

ERYTHRONIUM AMERICANUM Ker., forma **castaneum**, forma nov., perianthio minore, intus atro-castaneo.—Swampy woods, Rockport, Massachusetts, *L. B. Smith* 938.—*LYMAN B. SMITH*, Winchester, Mass.

AQUILEGIA CANADENSIS, FORMA *PHIPPENII* IN WORCESTER COUNTY, MASSACHUSETTS.—On May 1, 1925, while specimen hunting at Boylston, Worcester County, Massachusetts, I found in a pasture, on a shale outcrop with the common scarlet-flowered form of wild columbine, a delicate salmon-pink form, fresh flowers of which were this year sent to the Gray Herbarium and were there identified by Mr. C. A. Weatherby as *Aquilegia canadensis*, f. *Phippenii* (*J. Robinson*) *R. Hoffman*. Indications are that the station will endure many years.—*EARL W. BEMIS*, Worcester, Massachusetts.

TWO NEW PLANTS FROM ILLINOIS.

PAUL C. STANDLEY.

IN a collection of plants made in Richland County, Illinois, in the summer of 1928 by Robert Ridgway, and received recently at